

to that or t'other place; Or, as that the brused Watch, which I mention in the description of Moss, should, when those parts which hindred its motion were fallen away, begin to move, but after quite another manner then it did before.

Observ. XXI. Of Moss, and several other small vegetative Substances.

Moss is a Plant, that the wisest of Kings thought neither unworthy his speculation, nor his Pen, and though amongst Plants it be in bulk one of the smallest, yet it is not the least considerable: For, as to its shape, it may compare for the beauty of it with any Plant that grows, and bears a much bigger breadth; it has a root almost like a seedy Parsnep, furnish'd with small strings and suckers, which are all of them finely branch'd, like those of the roots of much bigger Vegetables; out of this springs the stem or body of the Plant, which is somewhat *Quadrangular*, rather then *Cylindrical*, most curiously fluted or strung with small creases, which run, for the most part, *parallel* the whole stem; on the sides of this are close and thick set, a multitude of fair, large, well-shap'd leaves, some of them of a rounder, others of a longer shape, according as they are younger or older when pluck'd; as I ghes by this, that those Plants that had the stalks growing from the top of them, had their leaves of a much longer shape, all the surface of each side of which, is curiously cover'd with a multitude of little oblong transparent bodies, in the manner as you see it expres'd in the leaf B, in the XIII. Scheme.

This Plant, when young and springing up, does much resemble a House-leek, having thick leaves, almost like that, and seems to be somewhat of kin to it in other particulars; also from the top of the leaves, there shoots out a small white and transparent hair, or thorn: This stem, in time, come to shoot out into a long, round and even stalk, which by cutting transversly, when dry, I manifestly found to be a stiff, hard, and hollow Cane, or Reed, without any kind of knot, or stop, from its bottom, where the leaves encompass'd it, to the top, on which there grows a large seed case, A, cover'd with a thin, and more whitish skin, B, terminated in a long thorny top, which at first covers all the Case, and by degrees, as that swells, the skin cleaves, and at length falls off, with its thorny top and all (which is a part of it) and leaves the seed Case to ripen, and by degrees, to shatter out its seed at a place underneath this cap, B, which before the seed is ripe, appears like a flat barr'd button, without any hole in the middle; but as it ripens, the button grows bigger, and a hole appears in the middle of it, E, out of which, in all probability, the seed falls: For as it ripens by a provision of Nature, that end of this Case turns downward after the same manner as the ears of Wheat and Barley usually do; and opening several of these dry red Cases, F, I found them to be quite

